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| Form PTO-1449 COMMERCE (REV. 7-80) | | U.S. DEPARTMENT OF PATENT AND TRADEMARK OFFICE | | Atty. Docket No. GB 000161 | | Serial No. | |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Applicant BRIAN J. MINNIS ET AL. | | Group <div style="font-size: 1.5em; font-weight: bold;">2643</div> | |
| | | | | Filing Date CONCURRENTLY | | | |

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| U.S. PATENT DOCUMENTS | | | | | | | | | | | |
|-----------------------|-----------------|------|------|-------|-----------|------------------------|--|--|--|--|--|
| Ex. Int. | Document Number | Date | Name | Class | Sub-class | Filing Date If Approp. | | | | | |
| | AA | | | | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | |
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| | Document Number | Date | Country | Class | Sub-class | Trans. | | | | | | | |
| | | | | | | Yes | No | | | | | | |
| TP | AG | W 0 0 0 2 2 7 3 5 | 20.04.00 | PCT (WORLD) | H03M | 3/02 | | | | | | | |
| TP | AH | 0 7 9 7 2 9 2 A 1 | 24.09.97 | EUROPE | H03D | 3/00 | | | | | | | |
| | AI | | | | | | | | | | | | |
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| | AK | | | | | | | | | | | | |

| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|----|---|
| TP | AL | BY M.J. GRINGELL, ENTITLED: "SINGLE SIDEBAND MODULATION USING SEQUENCE ASYMMETRIC POLYPHASE NETWORKS", ELECTRONIC COMMUNICATIONS, NO. 48, 1973, PP.20-25. |
| | AM | |
| | AN | |

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| Examiner <i>TUAN PHAM</i> | Date Considered <i>9/23/04</i> |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.